

TOSHIBA

Portégé 3110CT

UPC Code: 032017037472 (Win 98),
032017037458 (Win NT 4.0)

Product Specification

Product Highlights:

- Intel® Mobile Pentium II processor, 300MHz
- 6.4 billion byte Ultra DMA 33 HDD
- 10.4" Poly-silicon TFT active matrix display
- 64MB SDRAM, expandable to 128MB
- Spacious Touch-Type-Keyboard
- Integrated V.90/K56flex modem
- Integrated Intel 10/100 Ethernet networking
- Includes high-capacity battery for 3 hours of battery life under full power
- Approximately ¾" thin and 3lbs. light
- Innovative design that defines style – magnesium alloy casing with silver-metallic lid

Processor

Intel® Mobile Pentium II processor
300MHz (1.6V) clock speed
Integrated co-processor
32KB internal L1 cache
Integrated 256KB Level 2 cache
Data/Address Bus Width: 64-bit/32-bit
66MHz Front Side Bus

Memory

64Mbit Synchronous DRAM, 3.3V, 60ns
64MB standard, expandable to 128MB
One internal memory expansion slot available

BIOS

APM V1.0; ACPI V1.0; PnP V1.0a; VESA V2.0;
DPMS; DDC2B; DMI 2.0, PCI BIOS

System Architecture

PCI Bus V2.1

Hard Disk

6.4 billion byte Ultra DMA 33, 2.5"
8.45 mm height
12ms average access time

Diskette Drive

Standard 3.5", 1.44MB (external)
Connects via integrated diskette drive connector

CD-ROM

Optional external PORT PC Card CD-ROM

Video

Trident Cyber9525
64-bit Graphics Accelerator
32-BIT PCI local bus support
BitBLT hardware
Integrated 2.5MB Video Memory

Video Ports

SVGA via Network I/O Adapter or Mini I/O Adapter

Display

Poly-silicon TFT active-matrix color display
10.4" diagonal, up to 16M colors at 800 x 600 resolution

External Color Support

16M colors:
800 x 600, 640 x 480 @ 85Hz non-interlaced external mode;
800 x 600 @ 60Hz simultaneous mode
64K colors:
1024x768, 800 x 600, 640 x 480 @ 85Hz non-interlaced external mode;
800 x 600 @ 60Hz simultaneous mode
256 colors:
1024 x 768, 800 x 600, 640 x 480 @ 85Hz non-interlaced external mode;
1280 x 1024 @ 60Hz non-interlaced external mode;
800 x 600 @ 60Hz simultaneous mode

Audio

ESS ES1978
16-bit stereo, .WAV and Sound Blaster® Pro compatible, MIDI playback

Built-in speaker and microphone (monaural)
64-channel wavetable music synthesis
Line-out port (on **Network I/O Adapter**)
Headphone and microphone ports
Manual volume control

Communications

Built-in v.90/K56flex modem
Digital line protection
RJ-11 port

Networking

Built-in 10/100BaseT Ethernet (Intel chipset)
System Management: Wake-On-LAN and Remote Service Boot
RJ-45 (on Network I/O Adapter)

Keyboard

84 keys with 12 function keys
2mm travel
Dedicated Windows® keys
Integrated AccuPoint® pointing device

Expansion

One PC Card slot supports one Type II PC Cards;
32-bit CardBus ready
Integrated external diskette drive connector
Fast infrared port (4Mbps, IrDA V1.1 compliant)
Universal Serial Bus (USB) port
Universal Serial Bus (USB) port**
PS/2™ mouse/keyboard port (Y-connector supported)**
ECP parallel port **
High speed serial port (16550 UART compatible)**
RJ-45 port**
SVGA video port**
Headphone
Microphone
Network I/O Adapter module port
**via standard Network I/O Adapter module

Dimensions (LxWxH)

10.1" x 8.6" x 0.8"
Thickness may vary at certain points on the system

Weight

3.1 lbs

Power Supply

30W autosensing external AC adapter
100-240V input voltage
50-60Hz frequency
3.9" (L) x 1" (H) x 2.04" (W), 0.46 lbs.

Battery

Rechargeable, removable high-capacity Lithium-Ion battery (10.8 V, 2,600mAh)
3 hours battery life under full power mode
6 hours recharge time (unit off), 12 hours (unit on)
ACPI V1.0
Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery does not charge while computer is consuming full power.

System Management

DMI 2.0 BIOS support with asset tag capability
Wired for Management V1.1a enabled, support for Wake-On-LAN™, and Remote Service Boot, ACPI power management; DMI 2.0 BIOS
Intel® LANDesk® Client Manager 3.3
SMS Connect for DMI BIOS integration
Toshiba Configuration Builder CD - customized software image tool to reduce image creation time
Year 2000 Compliance: NSTL hardware tested

Security

Power-on password (2-level password support)
HDD access password
Secure Sleep (screen blank)
Cable lock slot

Software

Microsoft® Windows® 98 Pre-install (Dual Linked Windows 98/95 Configuration Builder CD) and Microsoft Windows NT4.0 Pre-install
Microsoft Windows NT, Windows 95 and Windows 98 operating system support via web utilities and drivers
Portégé 3110CT Online Documentation
AT&T WorldNet® Services (only on Windows 98 models)
Customizable Toshiba/My Yahoo Start Page (only on Windows 98 models)

Warranty

1 year parts, labor and battery

Environmental Specifications

Temperature:
Operating: 5^o to 35^o C (41^o to 95^o F)
Non-operating: -20^o to 65^o C (-4^o to 149^o F)
Thermal gradient: 15^o C per hour maximum

Relative Humidity:

Operating: 20% to 80% non-condensing
Non-operating: 10% to 90% non-condensing

Altitude (relative to sea level):

Operating: -60m to 3,000m (-197' to 9,842')
Non-operating: -60m to 10,000m (-197' to 32,808')

Shock:

Operating: 10G (11ms)
Non-operating: 60G (66ms)

Vibration:

Operating: 0.5G
Non-operating: 1G

Part Number

PAP311U-T2W8 Portégé 3110CT (Microsoft® Windows® 98 Pre-install with Dual Linked Windows 98/95 Configuration Builder CD)
PAP311U-T2N4 Portégé 3110CT (Windows NT 4.0)

Accessories

KTT3110-32	32MB SDRAM memory upgrade module
KTT3110-64	64MB SDRAM memory upgrade module
PA2501U	Universal AC adapter
PA2467UR	High capacity battery pack
NW24XCD	PORT-Noteworthy® PC Card CD-ROM
PA2669U	External floppy disk drive
PA2735U	Mini I/O Expander
PA2734U	Port Expander w/Ethernet
PA2466UR	Standard Battery
PA2669U	External Floppy Disk Drive

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